NO200153312 Comparison

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CC

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AAM39781 standard; Protein; 772 AA.
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XX
DT
     22-OCT-2001 (first entry)
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KW
     amyotrophic lateral sclerosis; Shy-Drager Syndrome; chemotactic;
KW
     chemokinetic; thrombolytic; drug screening; arthritis; inflammation;
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XX
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     26-JUL-2001.
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     21-JAN-2000; 2000US-0488725.
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     03-AUG-2000; 2000US-0653450.
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PR
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     19-OCT-2000; 2000US-0693036.
     29-NOV-2000; 2000US-0727344.
PR
XX
     (HYSE-) HYSEQ INC.
PΑ
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     Tang YT, Liu C, Asundi V, Chen R, Ma Y, Qian XB,
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PΤ
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     WPI; 2001-442253/47.
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     N-PSDB; AAI58937.
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     Novel nucleic acids and polypeptides, useful for treating disorders
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     such as central nervous system injuries -
PΤ
XX
     Example 4; SEQ ID NO 2926; 10078pp; English.
PS
XX
     The invention relates to human nucleic acids (AAI57798-AAI61369) and
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     the encoded polypeptides (AAM38642-AAM42213) with nootropic,
CC
     immunosuppressant and cytostatic activity. The polynucleotides are useful
CC
     in gene therapy. A composition containing a polypeptide or polynucleotide
CC
     of the invention may be used to treat diseases of the peripheral nervous
CC
     system, such as peripheral nervous injuries, peripheral neuropathy and
CC
     localised neuropathies and central nervous system diseases, such as
CC
     Alzheimer's, Parkinson's disease, Huntington's disease, amyotrophic
CC
     lateral sclerosis, and Shy-Drager Syndrome. Other uses include the
CC
     utilisation of the activities such as: Immune system suppression,
CC
     Activin/inhibin activity, chemotactic/chemokinetic activity, haemostatic
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and thrombolytic activity, cancer diagnosis and therapy, drug screening, CC assays for receptor activity, arthritis and inflammation, leukaemias and CC C.N.S disorders. CC Note: The sequence data for this patent did not form part of the printed CC specification. CC XX 772 AA; Sequence

SQ

Db

100.0%; Score 4037; DB 22; Length 772; Ouery Match 100.0%; Pred. No. 0; Best Local Similarity 0; Mismatches Indels 0; Gaps 0; 0; Matches 772; Conservative 1 MRLSSLLALLRPALPLILGLSLGCSLSLLRVSWIQGEGEDPCVEAVGERGGPQNPDSRAR 60 Qу $1\ {\tt mrlssllallrpalplilglslgcslsllrvswiqgegedpcveavgerggpqnpdsrar}\ {\tt 60}$ Db 61 LDQSDEDFKPRIVPYYRDPNKPYKKVLRTRYIQTELGSRERLLVAVLTSRATLSTLAVAV 120 Qу 61 ldqsdedfkprivpyyrdpnkpykkvlrtryiqtelgsrerllvavltsratlstlavav 120 Db 121 NRTVAHHFPRLLYFTGQRGARAPAGMQVVSHGDERPAWLMSETLRHLHTHFGADYDWFFI 180 Qу 121 nrtvahhfprllyftgqrgarapagmqvvshgderpawlmsetlrhlhthfgadydwffi 180 Db 181 MQDDTYVQAPRLAALAGHLSINQDLYLGRAEEFIGAGEQARYCHGGFGYLLSRSLLLRLR 240 Qу 181 mqddtyvqaprlaalaghlsinqdlylgraeefigageqarychggfgyllsrslllrlr 240 Db 241 PHLDGCRGDILSARPDEWLGRCLIDSLGVGCVSQHQGQQYRSFELAKNRDPEKEGSSAFL 300 Qу 241 phldgcrgdilsarpdewlgrclidslgvgcvsqhqgqqyrsfelaknrdpekegssafl 300 Db 301 SAFAVHPVSEGTLMYRLHKRFSALELERAYSEIEQLQAQIRNLTVLTPEGEAGLSWPVGL 360 Qу 301 safavhpvsegtlmyrlhkrfsalelerayseieqlqaqirnltvltpegeaglswpvgl 360 Db 361 PAPFTPHSRFEVLGWDYFTEQHTFSCADGAPKCPLQGASRADVGDALETALEQLNRRYQP 420 Qу 361 papftphsrfevlgwdyfteqhtfscadgapkcplqgasradvgdaletaleqlnrryqp 420 Db 421 RLRFQKQRLLNGYRRFDPARGMEYTLDLLLECVTQRGHRRALARRVSLLRPLSRVEILPM 480 Qу 421 rlrfqkqrllngyrrfdpargmeytldlllecvtqrghrralarrvsllrplsrveilpm 480 Db 481 PYVTEATRVQLVLPLLVAEAAAAPAFLEAFAANVLEPREHALLTLLLVYGPREGGRGAPD 540 Qу 481 pyvteatrvqlvlpllvaeaaaapafleafaanvleprehalltlllvygpreggrgapd 540 Db 541 PFLGVKAAAAELERRYPGTRLAWLAVRAEAPSQVRLMDVVSKKHPVDTLFFLTTVWTRPG 600 Qу 541 pflgvkaaaaelerrypgtrlawlavraeapsqvrlmdvvskkhpvdtlfflttvwtrpg 600 Db 601 PEVLNRCRMNAISGWQAFFPVHFQEFNPALSPQRSPPGPPGAGPDPPSPPGADPSRGAPI 660 Qу 601 pevlnrcrmnaisgwqaffpvhfqefnpalspqrsppgppgagpdppsppgadpsrgapi 660

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ID
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XX
     24-APR-2001 (first entry)
DT
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KW
     antiparkin onian nootropic; neuroprotective; vulnerary; cardiant;
KW
     antiangiogehic; vasotropic; antiasthmatic; antirheumatic; cancer;
KW
     antiarthritic; antiinfertility; antidiabetic; antiviral; diabetes;
KW
     ophthalmological; gene therapy; skin disease; gastrointestinal disorder;
KW
     ischaemia; inflammation.
KW
XX
     Homo sapiens.
OS
XX
     WO200104311-A1.
PN
XX
     18-JAN-2001.
PD
XX
     22-FEB-2000; 2000WO,-US04414.
PF
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                   99WO-US21547.
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₽R
                   99WO-US23089.
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     (GETH ) GENENTECH INC.
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XX
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AAI58937 standard; cDNA; 2710 BP.
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    AAI58937;
AC
     22-OCT-2001 (first entry)
DT
     Human polynucleotide SEQ ID NO 1140.
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     Human; nootropic; immunosuppressant; cytostatic; gene therapy; cancer;
KW
     peripheral nervous system; neuropathy; central nervous system; CNS;
KW
     Alzheimer's; Parkinson's disease; Huntington's disease; haemostatic;
KW
     amyotrophic lateral sclerosis; Shy-Drager Syndrome; chemotactic;
KW
     chemokinetic; thrombolytic; drug screening; arthritis; inflammation;
KW:
     leukaemia; ss.
KW
     Homo sapiens.
OS
XX
     WO200153312-A1.
PN
XX
     26-JUL-2001.
PD
XX
     26-DEC-2000; 2000WO-US34263.
PF
XX
     21-JAN-2000; 2000US-0488725.
PR
     25-APR-2000; 2000US-0552317.
PR
     09-JUL-2000; 2000US-0598042.
PR
     19-JUL-2000; 2000US-0620312.
PR
     03-AUG-2000; 2000US-0653450.
PR
PR
     14-SEP-2000; 2000US-0662191.
     19-OCT-2000; 2000US-0693036.
PR
     29-NOV-2000; 2000US-0727344.
PR
\mathbf{x}\mathbf{x}
      (HYSE-) HYSEQ INC.
PA
XX
     Tang YT, Liu C, Asundi V, Chen R, Ma Y, Qian XB, Ren F, Wang D;
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     Wang J, Wang Z, Wehrman T, Xu C, Xue AJ, Yang Y, Zhang J;
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     Zhao QA, Zhou P, Goodrich R, Drmanac RT;
PΙ
XX
     WPI; 2001-442253/47.
DR
     P-PSDB; AAM39781.
DR
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     Novel nucleic acids and polypeptides, useful for treating disorders
PT
     such as central nervous system injuries -
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XX
     Claim 1; SEQ ID NO 1140; 10078pp; English.
 PS
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      The invention relates to human nucleic acids (AAI57798-AAI61369) and
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      the encoded polypeptides (AAM38642-AAM42213) with nootropic,
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      immunosuppressant and cytostatic activity. The polynucleotides are useful
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      in gene therapy. A composition containing a polypeptide or polynucleotide
 CC
      of the invention may be used to treat diseases of the peripheral nervous
 CC
      system, such as peripheral nervous injuries, peripheral neuropathy and
 CC
      localised neuropathies and central nervous system diseases, such as
 CC
      Alzheimer's, Parkinson's disease, Huntington's disease, amyotrophic
 CC
      lateral sclerosis, and Shy-Drager Syndrome. Other uses include the
 CC
      utilisation of the activities such as: Immune system suppression,
 CC
      Activin/inhibin activity, chemotactic/chemokinetic activity, haemostatic
 CC
      and thrombolytic activity, cancer diagnosis and therapy, drug screening,
 CC
      assays for receptor activity, arthritis and inflammation, leukaemias and
 CC
      C.N.S disorders.
      Note: The sequence data for this patent did not form part of the printed
 CC
 CC
      specification.
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   Best Local Similarity 100.0%; Pred. No. 0;
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                                  0; Mismatches
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